VOLVO

## CONSTRUCTION EQUIPMENT SWA400767 WM VOLVOL180H 5591 - REAR AXLE



 Sample No:
 VCP413162

 Oil Type:
 {unknown}

 Job No:
 SWA400767 WM

## SAMPLE INFORMATION

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

**ADDITIVES** 

5

0

3779

1595

1211

131

0

13

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|---------------|---------------|-------------|-------------|------|
| Sample Number | -             | VCP413162   | VCP436036   | <br> |
| Sample Date   |               | 24 Jan 2024 | 30 Oct 2023 | <br> |
| Machine Hours |               | 3726        | 3206        | <br> |
| Oil Hours     |               | 0           | 1752        | <br> |
| Oil Changed   |               | N/A         | Not Changd  | <br> |
| Sample Status |               | ABNORMAL    | SEVERE      | <br> |
|               |               |             |             |      |
| OIL CON       | IDITION       |             |             |      |
| Visc @ 40°C   | cSt           | 44.2        | 40.9        | <br> |
|               |               |             |             |      |
| CONTAI        | MINATION      |             |             |      |
| Water         | %             | NEG         | NEG         | <br> |
| Silicon       | ppm           | 13          | 19          | <br> |
| Sodium        | ppm           | 0           | 8           | <br> |
| Potassium     | ppm           | 3           | 0           | <br> |
|               |               |             |             |      |
| WEAR I        | METALS        |             |             |      |
| Iron          | ppm           | <b>488</b>  | 2245        | <br> |
| Copper        | ppm           | <b></b> <1  | 2           | <br> |
| Lead          | ppm           | 0           | 0           | <br> |
| Tin           | ppm           | 0           | 0           | <br> |
| Aluminum      | ppm           | 2           | 1           | <br> |
| Chromium      | ppm           | 5           | ▲ 25        | <br> |
| Molybdenum    | ppm           | 7           | 11          | <br> |
| Nickel        | ppm           | ∎1          | 8           | <br> |
| Titanium      | ppm           | 0           | 0           | <br> |
| Silver        | ppm           | 0           | 0           | <br> |

25

1

3511

1360

1109

145

0

14

ALTA EQUIPMENT COMPANY

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## Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

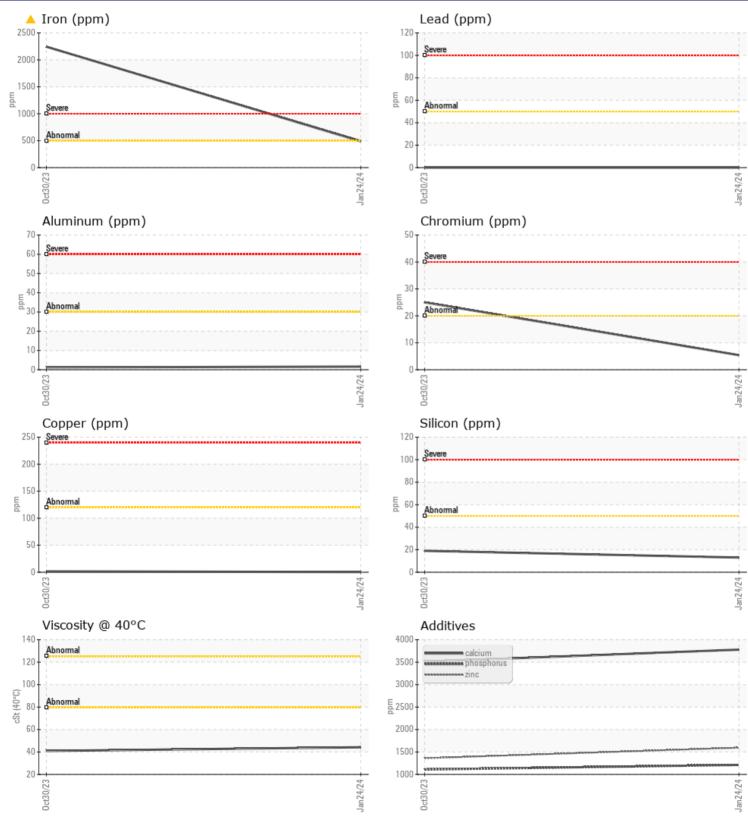
| Depot:       | VOLVO0095   |
|--------------|-------------|
| Unique No:   | 10849065    |
| Signed:      | Sean Felton |
| Report Date: | 30 Jan 2024 |

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0095 [WUSCAR] 06072388 (Generated: 01/30/2024 14:17:34) Rev: 1